



Charles No 651 + 652

No 661.
Profile + deck
plan.

s/s Sun XI ★

Hull Report No. 36159.

s/s Sun XII

Hull Rpt No 36200

s/s Sun XV

Hull Report No. 36495.

SUN XI



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 Foundation

- N° 651-2 - 4661

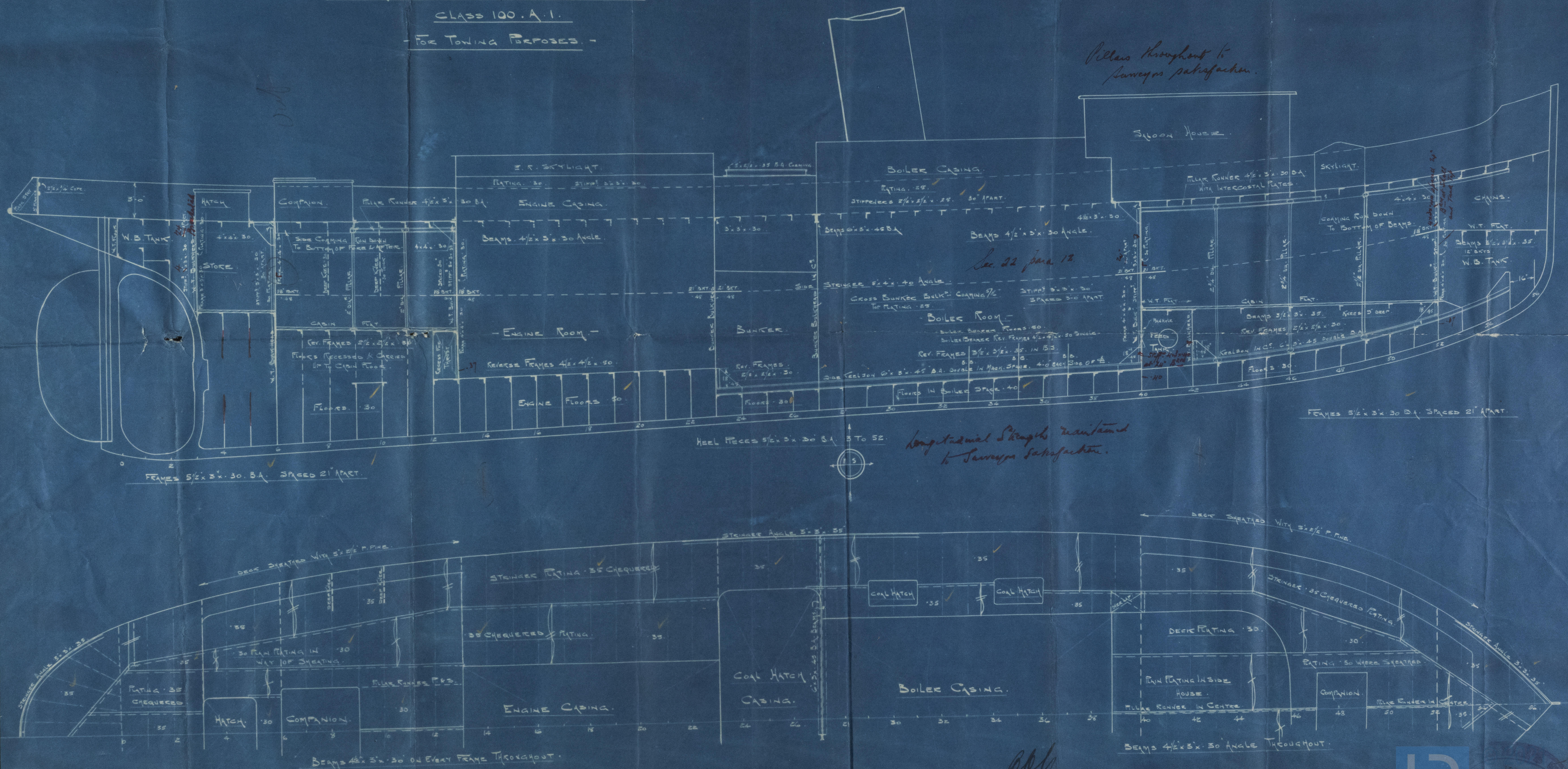
- PROFILE & DECK PLANS -

SCALE $\frac{1}{4}" = ONE FOOT.$

LENGTH BT 100'-0" x 25'-6" MLD x 12'-8" MLD.

CLASS 100.A.1.

- FOR TOWING PURPOSES. -



Col.
17.10.11



Charles No. 651 + 652

+ No. 661

Plan of Midship Section

s/s Sun XI *

Hull Report No. 36159

s/s Sun XII

Hull Rpt No. 36200

s/s Sun XV

Hull Report No. 36495.

N° 651-2. + 661
STEEL SCREW TUGS.
SECTIONS.

SCALE $\frac{1}{2}'' = 1 \text{ FOOT}$

TO CLASS LLOYD 100. A.1

DIMENSIONS 100'-0" BP x 25'-6" x 12'-8" MLD

SECTION AMIDSHIPS

SECTION AT FRAME 33

SECTION AT FRAME 21.

SECTION AT FRAME 48

Charles No. 651 + 652

+ No. 661

Plan of Stemframe +
Rudder.

5/5 Sun XI *

Hull Report No. 36159.

5/5 Sun XII

Hull Rpt 36200

5/5 Sun XV

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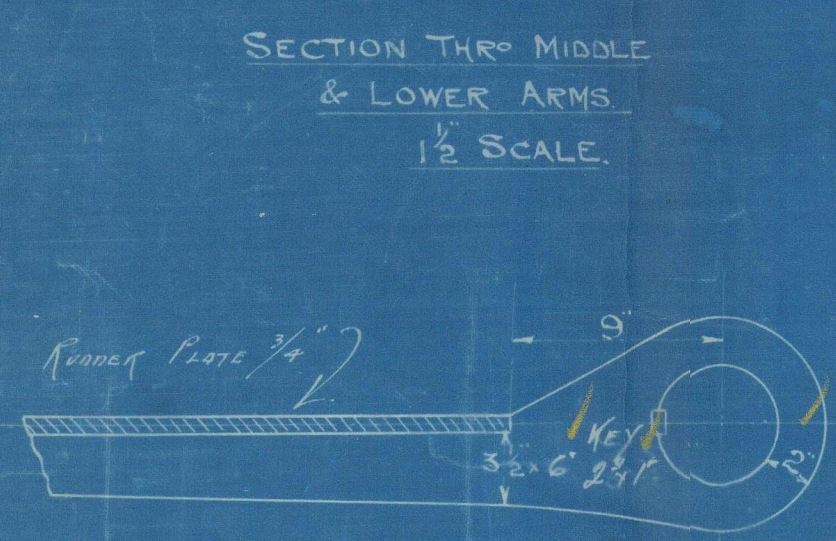
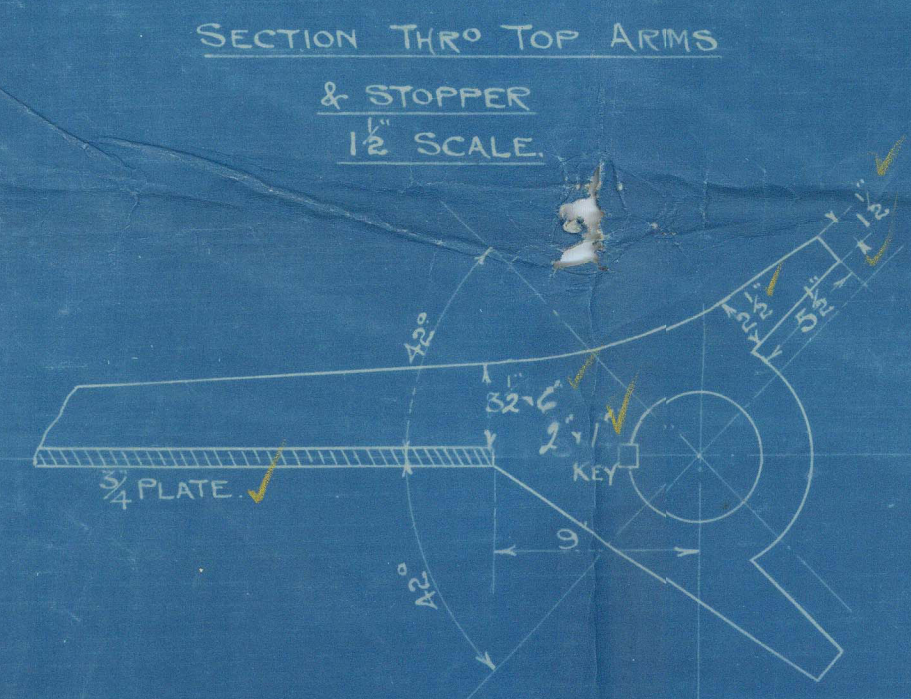
28/10/14
19/6/25 (10.661)

RUDDER FRAME.

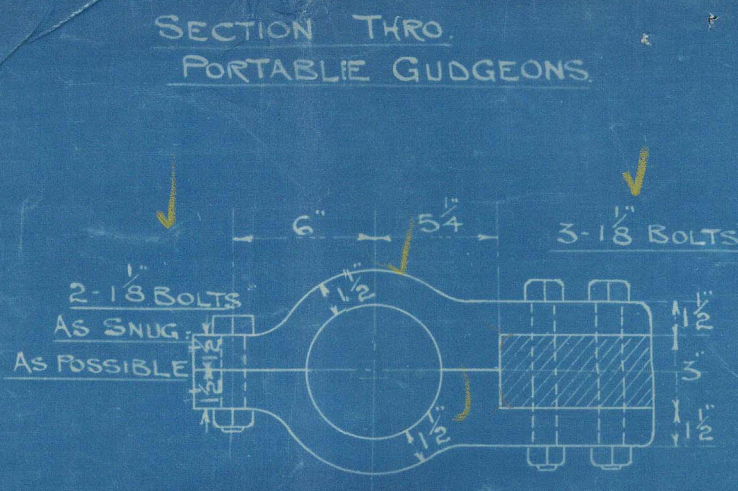
Nos 651-2 + 661.

SCALE 1" = ONE FOOT.
TO LLOYDS TEST.

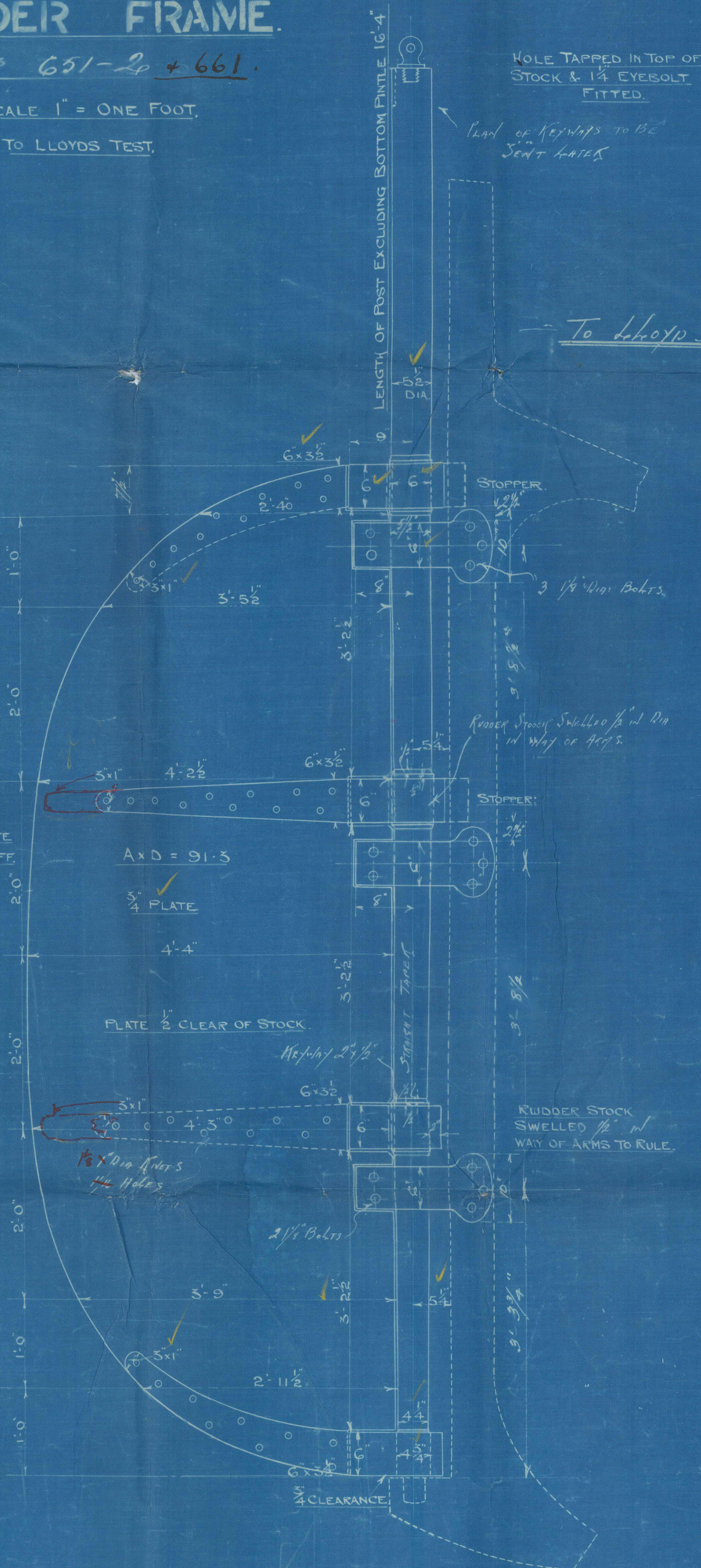
NOTES:- Actual Area of Rudder = 446.8 sq ft
Centre of Gravity about 4" or 1.9"
Speed 11 1/2 knots (A x D) = (468 x 1.9) = 88.92 Nautical Miles
Dist. of Rudder Head Rule = 4 1/2" 5"
Boss to be machined & hole bored for shaft. Face of Boss to be machined
Rivet Holes in Stern Frame Bored 1/4" Dia. 2" Pitch
Scarp at Fore End of Boss Machine
Rudder Stock Turned for 3' 0" from Top. Surface of Rudder Head & Position
of Keyway for Quadrant will be sent
Arms and Intermediate Sides of Plate while 5" apart and 2" Keyway
Rivet Holes in Rudder Arms 1/4" Dia. Spaced as Special &
Conformably and Outing Sides of Arms



ARMS SHUNK ON TO STOCK
AND KEYS
KEYS 2" x 1"



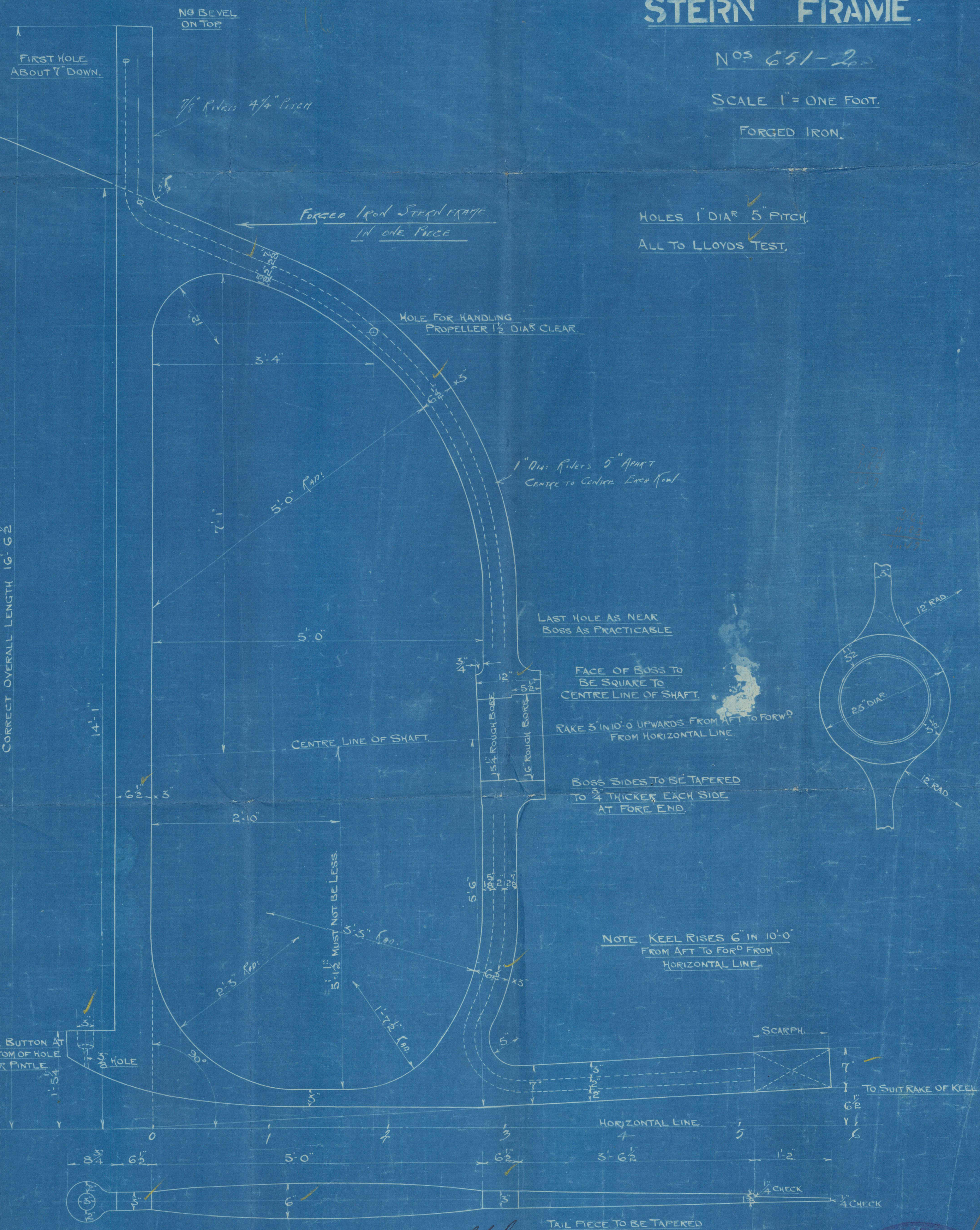
NOTE:- DIMENSIONS IN EXCESS OF RULES
ARE TO OWNER'S REQUIREMENTS



STERN FRAME.

Nos 651-2

SCALE 1" = ONE FOOT.
FORGED IRON.



NOTE KEEL RISES 6" IN 10' 0"
FROM AFT TO FWD FROM
HORIZONTAL LINE.

27.10.14

